PATENT ABSTRACTS OF JAPAN

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(54) SIMULATION MODEL FOR DIGITAL SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a simulation
model computerized and including plural mixed levels by
providing plural interface units with a mechanism for
automatically composing or decomposing a message at
the higher or lower level of designing.
SOLUTION: Three function units U1 to U3 are provided
and these are mutually connected by an interface unit
11. In addition, these units U1 to U3 are defined at all
different designing levels. Then the unit 11 can compose
or decompose a message by considering the different
designing levels of these. Namely, the unit 11 composes
a byte-centered message from the unit U1 to-be a
word- centered message corresponding to the unit U2
and decomposes this to a nibble centered message
corresponding to the unit U3.